



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H129600-A

Mode: Highway

Status: Submitted

I-26

From/Cross Street: North of I-26/I-40 Split

Specific Improvement Type: 1 - Widen Existing Roadway

To: North of SR 3548 (Haywood Road)

Project Category: Statewide Mobility

Length: 2.52

TIP#: I-2513A

Fully Funded in Draft STIP? No

Cost to NCDOT: \$112,100,000

Description:

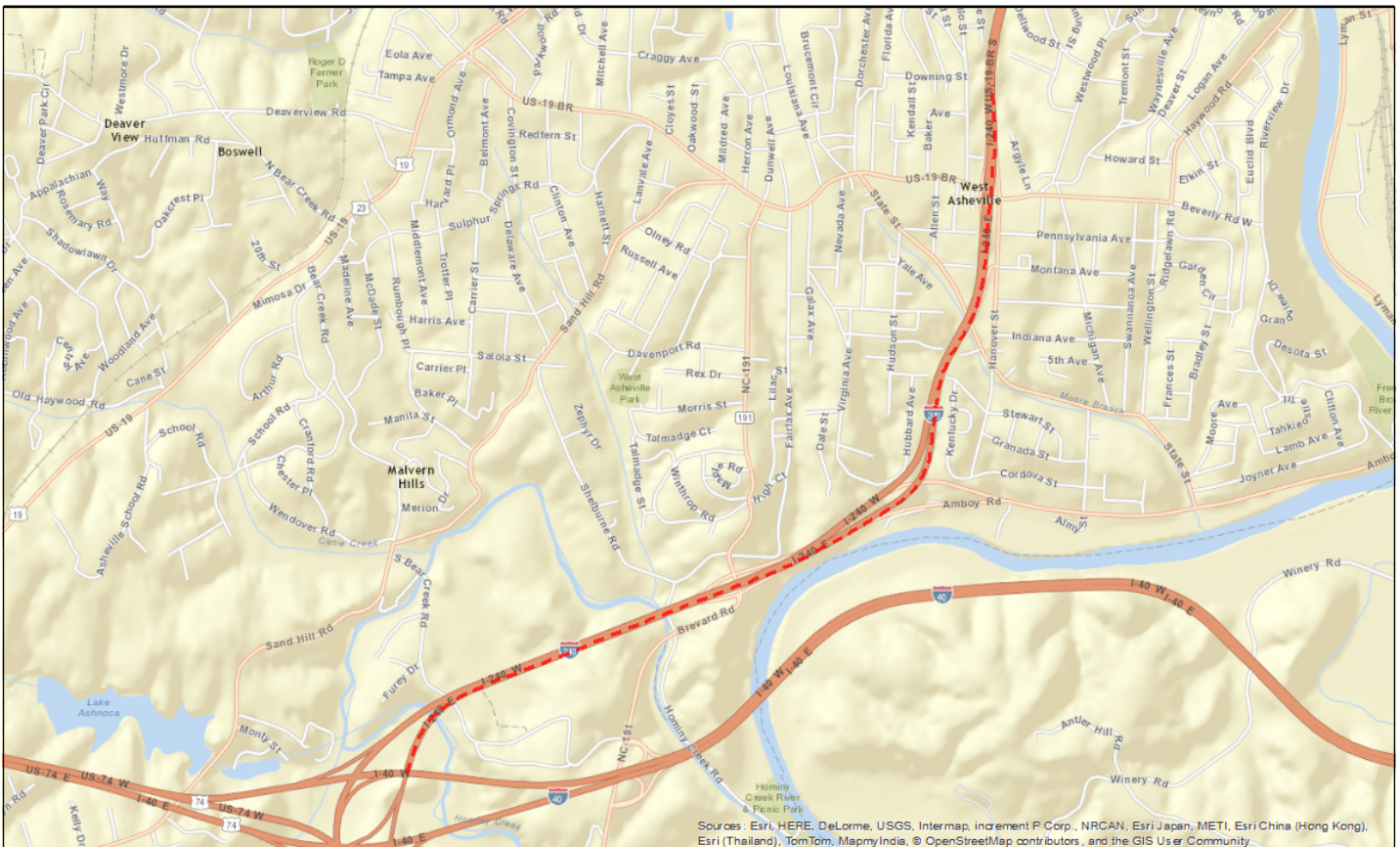
Add Additional Lanes.

Division(s): Division 13

County(s): BUNCOMBE

MPOS(s)/RPO(s): French Broad River MPO

Project Location



Statewide Mobility Total Score: 31.15

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (30%) 1.39 Congestion (V/C) (30%) 71.21 Safety (10%) 55.46 Economic Competitiveness (10%) 8.04 Multimodal + [Freight & Military] (20%) 15.08	N/A	N/A
Totals: Weight: 100% Weighted Score: 31.15		

Regional Impact Total Score: 40.63

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 71.21 Safety (10%) 55.46 [Travel Time] Benefit/Cost (25%) 1.39 Accessibility / Connectivity (10%) 19.32	Percent: 15% Points: 100	Percent: 15% Points: 0
Totals: Weight: 70% Weighted Score: 25.63		

Division Needs Total Score: 20.07

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 71.21 Safety (10%) 55.46 [Travel Time] Benefit/Cost (20%) 1.39	Percent: 25% Points: 0	Percent: 25% Points: 0
Totals: Weight: 50% Weighted Score: 20.07		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	2.52
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	8
Roadway has Curb & Gutter?	Yes
Volume (AADT):	57954.24
Capacity:	72400.5
Volume/Capacity Ratio:	0.8
% Autos:	95%
% Trucks:	5%
Truck Volume:	3016.12
Crash Density:	46.51
Crash Severity:	66.52
Critical Crash Rate:	53.37
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	19
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	63
Actual Congested Speed:	53.84
Travel Time Index:	1.02

Project Benefits

Project Cross-Section:	8B - 8 Lane Divided (27' Median with Jersey Barrier with Paved Shoulders)
Speed Limit:	60
Length (miles):	2.52
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	10
Travel Time Savings for 30 Years (Total):	6932557.32
Travel Time Savings for 30 Years (Autos):	6571765.91
Travel Time Savings for 30 Years (Trucks):	360791.41
Long-Term Employment:	130
% Change in Economy:	3.09E-05
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 13

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 13	100%	100	0
	0%	0	0
	0%	0	0
TOTAL Division Points		100	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
French Broad River MPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$90,100,000	TIP Unit
Right-of-Way Cost:	\$22,000,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$112,100,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$112,100,000	